

Notice of Allowability

Application No.

10/069,377

Examiner

D. I. Lee

Applicant(s)

PARRAULT OLIVIER

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 3/3/04.
2. ☒ The allowed claim(s) is/are 25-35.
3. ☒ The drawings filed on 25 February 2002 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>3/3/04</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

1. Receipt is acknowledged of the Preliminary Amendment filed 03 March 2004. Claims 1-24 have been canceled without prejudice or disclaimer and claims 25-35 have been newly added.

Terminal Disclaimer

2. Receipt is also acknowledged of the Terminal Disclaimer filed 03 March 2004 to overcome the Double Patenting Rejection (37 CFR §1.321(c)). The terminal disclaimer filed on 03 March 2004 disclaiming the terminal portion of any patent granted on this application, which would extend beyond the expiration date of the full statutory term of U.S. Application No. 10/068,378 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Allowable Subject Matter

3. Claims 25-35 are allowed.

4. The following is an examiner's statement of reasons for allowance:

Hook teaches a peripheral display device (an electronic display of information) for contactless portable objects (shelf tag) enabling information associated with the use of said portable object to be displayed and having at least one chip, a liquid crystal display (LCD).

Kayser et al. [US 6,249,263] discloses a product information display system having electronic display tags for displaying price and product information. The electronic display tags are electromagnetically coupled to a conductor. A modulator circuit modulates an AC power signal with the information signal and applied to the conductor for transmission to the display tag.

Fallah [US 2002/0047781 A1] discloses a complete passive electronic tag that requires no continuous source of electrical energy having an integrated circuit for communicating with an external

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unit. The electronic tag receives a supply voltage by electromagnetic induction. The electronic tag includes a detector that detects induced voltage for reception of data from the external unit.

Eberhardt [US 6,107,920] discloses an identification tag having a chip and an antenna for communicating with an external reader. The identification tag is powered and read by inductive coupling with an external reader.

One of ordinary skill in the art would not have been motivated to modify the teachings of Hook, Kayser, Fallah, and Eberhardt, alone or in combination with other reference, in order to obtain the claimed peripheral display device electromagnetically coupling with a contactless portable object, such that the antennas of the portable object act as a primary and the flat coil of the display antenna act as a secondary of a transformer when the contactless portable object receives energy and information from a reader of the portable object through electromagnetic coupling, as set forth in the claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to D. I. Lee whose telephone number is (571) 272-2399. The examiner can normally be reached on Monday through Thursday from 5:30 AM to 4:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (571) 272-2398. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



D. I. Lee
Primary Examiner
Art Unit 2876

D. L.